

# Product Datasheet

## SERCA2 ATPase Antibody **NBP2-20305**

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 3/18/2020 v.20.1

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**NBP2-20305****SERCA2 ATPase Antibody****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Thimerosal
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol, 1% BSA
<b>Target Molecular Weight</b>	115 kDa

**Product Description**

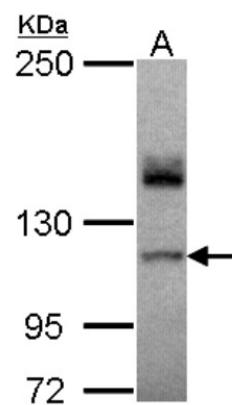
<b>Host</b>	Rabbit
<b>Gene ID</b>	488
<b>Gene Symbol</b>	ATP2A2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Expected cross reactivity based on sequence homology: Xenopus laevis (94%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human SERCA2 ATPase. The exact sequence is proprietary.

**Product Application Details**

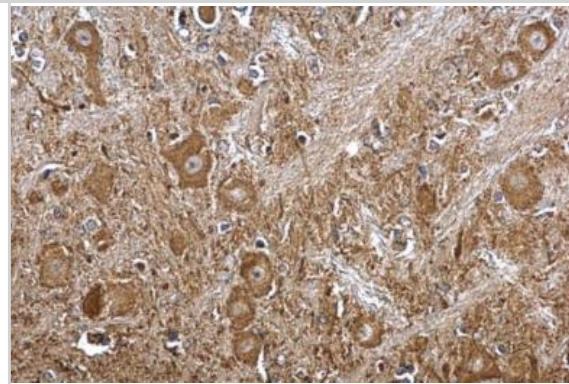
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

## Images

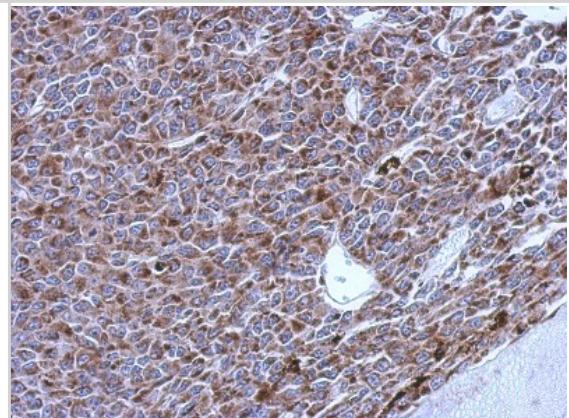
Western Blot: SERCA2 ATPase Antibody [NBP2-20305] - Sample (30 ug of whole cell lysate) A: A431 5% SDS PAGE gel, diluted at 1:2000.



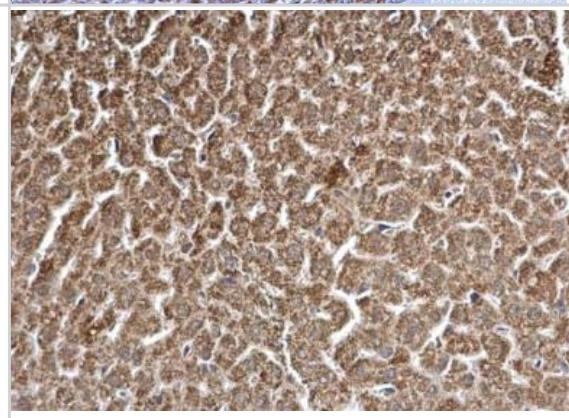
Immunohistochemistry-Paraffin: SERCA2 ATPase Antibody [NBP2-20305] - Paraffin-embedded rat brain stem dilution: 1:500.



Immunohistochemistry-Paraffin: SERCA2 ATPase Antibody [NBP2-20305] - Immunohistochemical analysis of paraffin-embedded BT483 xenograft, using antibody at 1:500 dilution.



Immunohistochemistry-Paraffin: SERCA2 ATPase Antibody [NBP2-20305] - Paraffin-embedded mouse liver dilution: 1:500.



## Publications

Shaan A, Carpenter G, Proctor G. Inducible nitric oxide synthase-mediated injury in a mouse model of acute salivary gland dysfunction. Nitric Oxide 2018 Jun 7 [PMID: 29885902] (Mouse)



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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